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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

IUCHI et al

Atty. Ref.: 3914-3

Serial No. Unknown

Group:

Filed: January 12, 2001

Examiner:

For: TRANSGENIC PLANTS CARRYING NEOXANTHIN CLEAVAGE ENZYME GENE

* * * * *

January 12, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for examination,
please amend the application as follows:

IN THE CLAIMS

Please substitute the following amended claims for original claims. A copy of original
claims showing revisions is attached.

3. (Amended) The DNA of claim 1, wherein the protein having a neoxanthin cleavage
activity is selected from the group consisting of:

(a) a protein comprising an amino acid sequence of SEQ ID NOs: 2, 6, 10, 12, 14, or 16;

(b) a protein comprising an amino acid sequence in which one or more amino acids in SEQ ID
NOs: 2, 6, 10, 12, 14, or 16 are replaced, deleted, added, and/or inserted; and